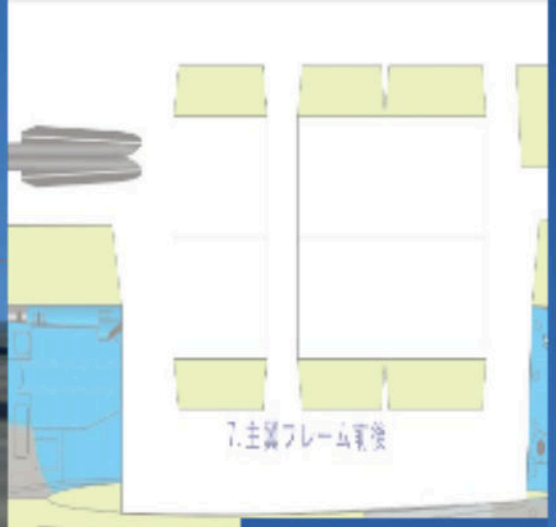
7.主翼フレーム前後

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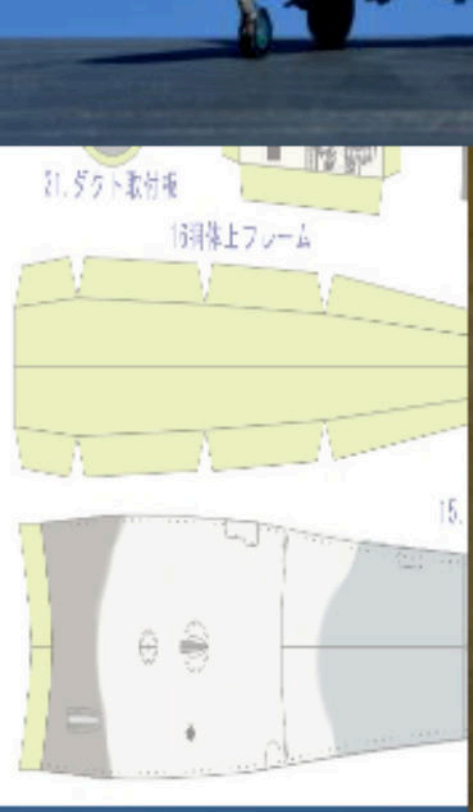
UP
3.水平尾翼

21.ダクト取付座
19.胴体上フレーム
15.

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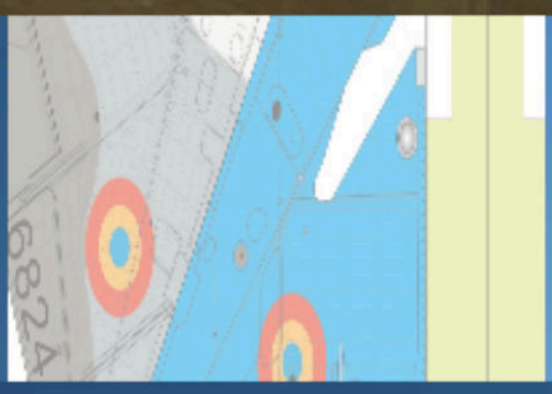

63

116

30.主翼

6824
18.アフターバーナー

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e.jp/asahi/tsmc/net/

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How to make a MiG MiG-21F/21MF/21UM paper model

みくちゃん

I'm Miku-chan.
2022 New Year's model.
This year, I chose the double-seat “U” type of MiG-21. Looking at the external shape, I thought that it would be completed by combining the nose of the F-type and the rear part of the MF and putting a double-seat canopy on it. I found a Croatian aircraft with a red and white checkered pattern on the entire surface and decided to use it. The checkered pattern on the entire surface was the same as verifying by applying a scale to the model. It worked for the most part, but the wingtips were in the next color. Therefore, the square of the wing tip is cheated by making it a rectangle. (The span is too wide or the cause is still unknown)

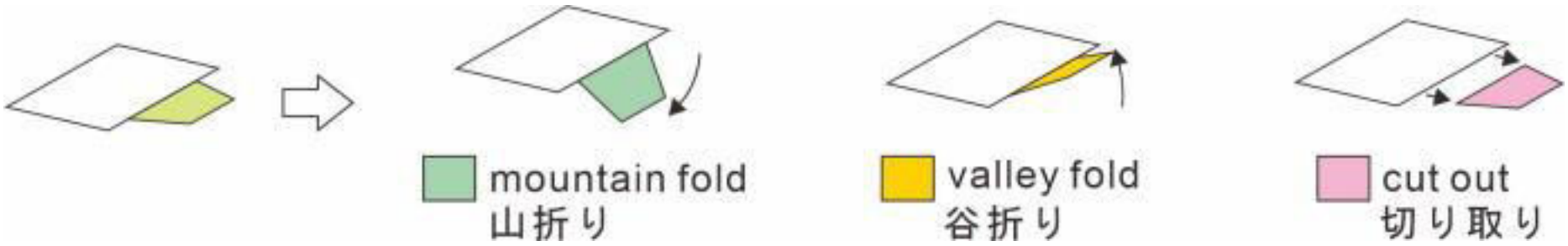
≪2021 Comment≫
This is the 2021 New Year's model.
The fourth in the European fighter series is the Russian (Soviet Union) MiG MiG21. There are many types of MiG21, and there are many countries where it was used, and there are various paintings. This time, we modeled the early mass-produced MiG21F-13. The painting is a typical Soviet aircraft and the Indonesian Air Force aircraft that was found in the video I found on the net. The MiG21 has a very simple shape, so it was relatively easy to make a paper model. However, due to the attention to detail, it was difficult to understand the differences between the various types when referring to the materials. I would like to model the late model of the big shock cone next time.

□ General precautions

1. Cut out the parts as accurately as possible. However, there is no problem with a slight derailment of the glued portion.
2. Accurately align the outer shape and panel line when gluing to ensure there is no misalignment.
3. Secure adhesion. But be careful not to contaminate the surface with the glue.
4. The production example was made with Kokuyo's thin photo paper for inkjet with a thickness of t 0.15 mm.

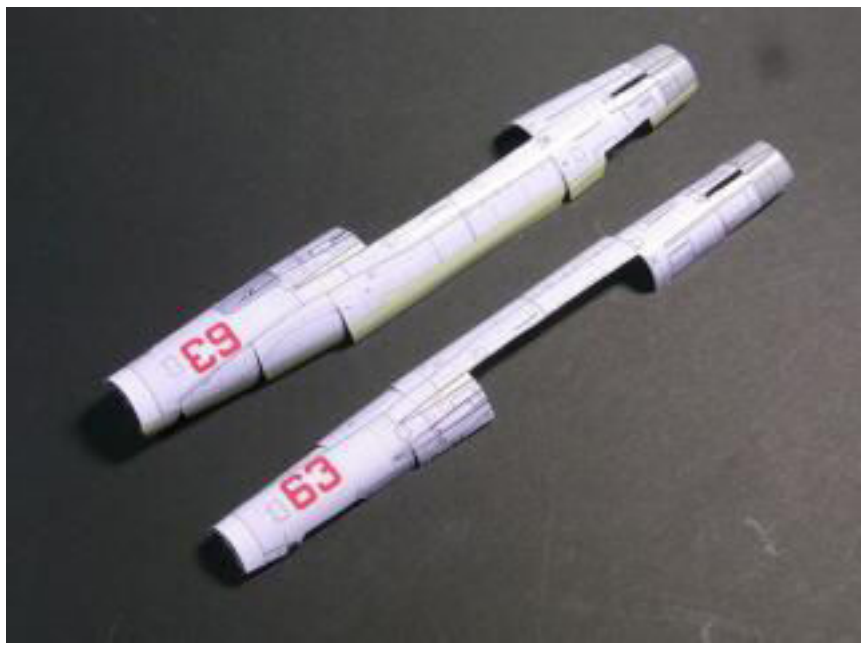
(It is recommended that the coat on the surface is hard to break.) If you use thick paper, there are parts that are difficult to bend.

5. Bending direction of the seam (MiG-21UM)

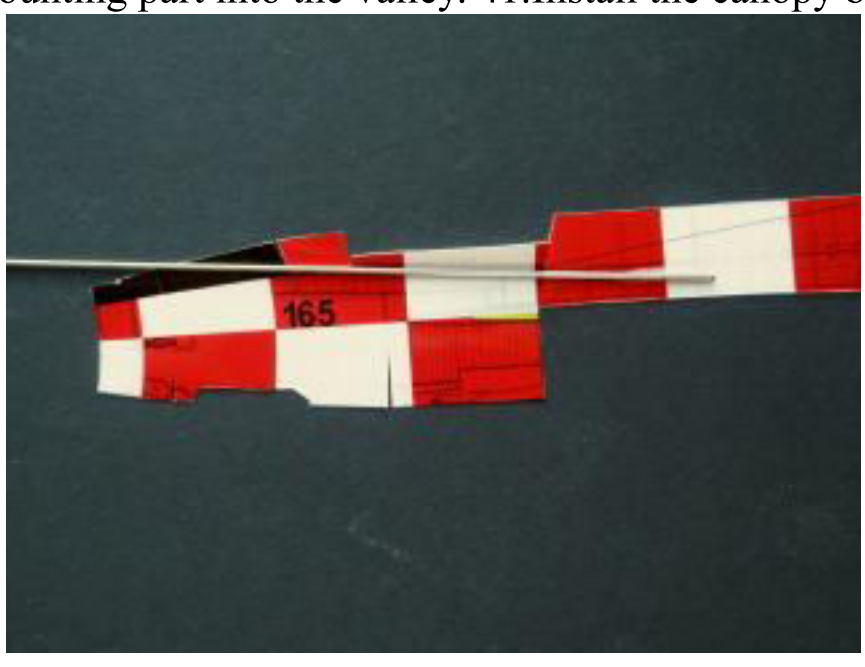


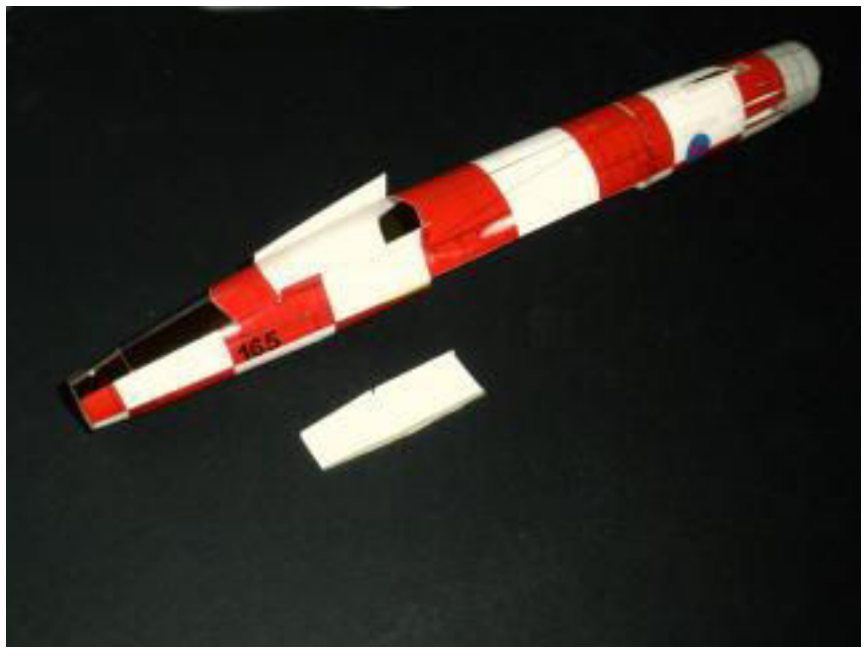
□ Assembly procedure

1. .1.Left body, 2.Cut out the right body, round and glue the upper seam. Glue the seaweed in the center first. Next, glue the bottom norishiro.

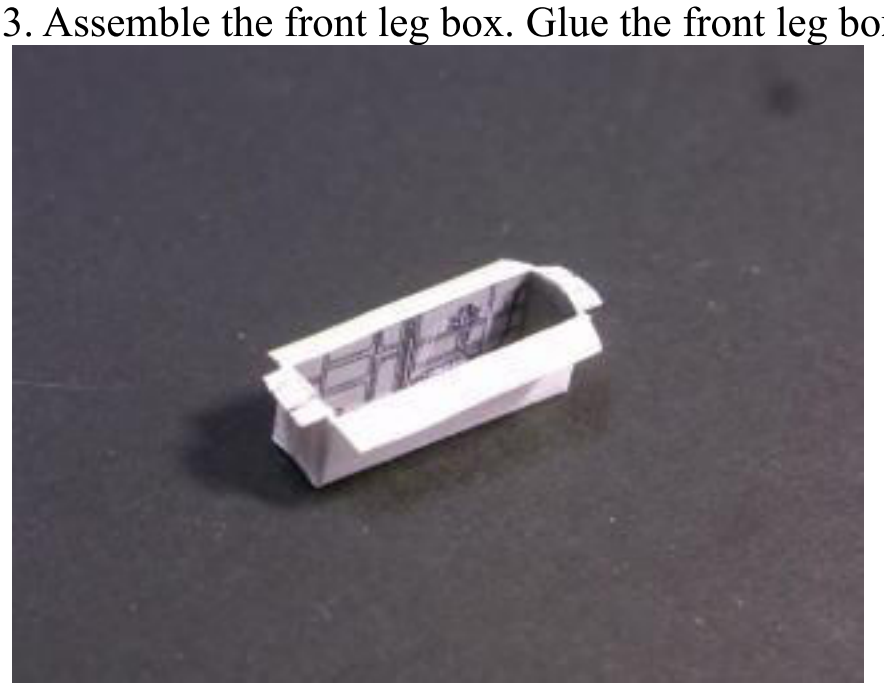


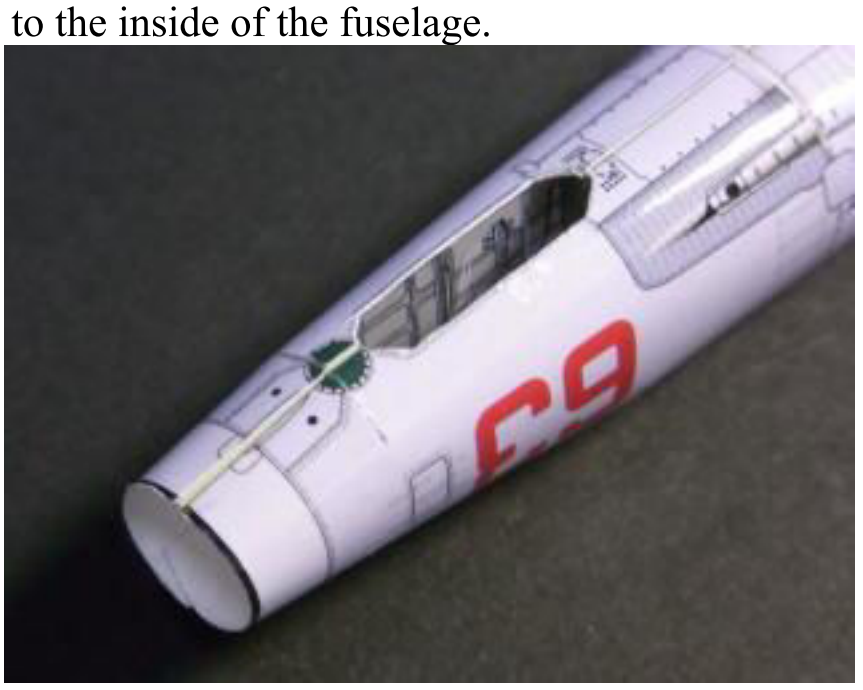
For the U type, apply a round bar of about φ2 mm to the left and right sides of the fuselage and fold the canopy mounting part into the valley. 41.Install the canopy base.



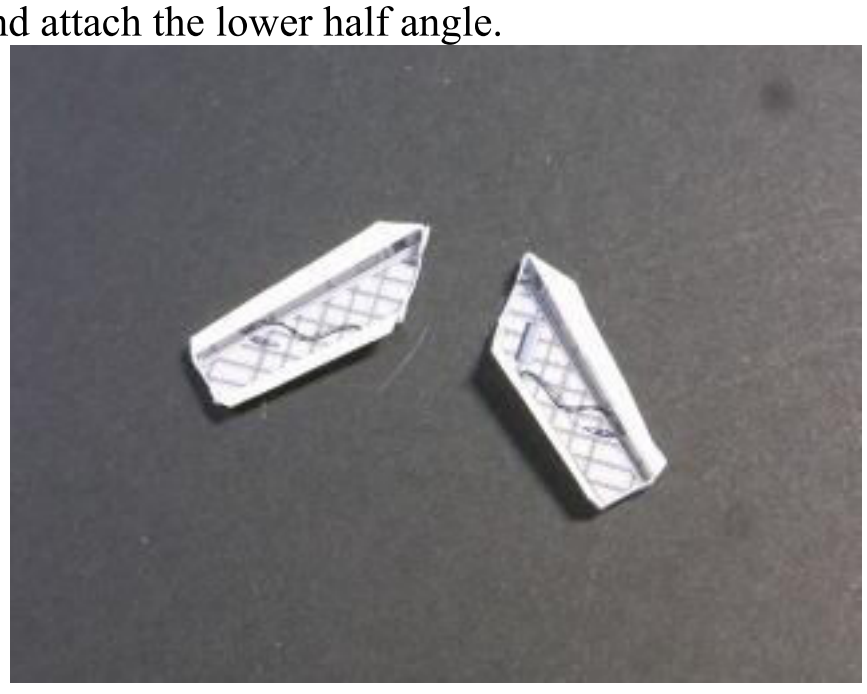


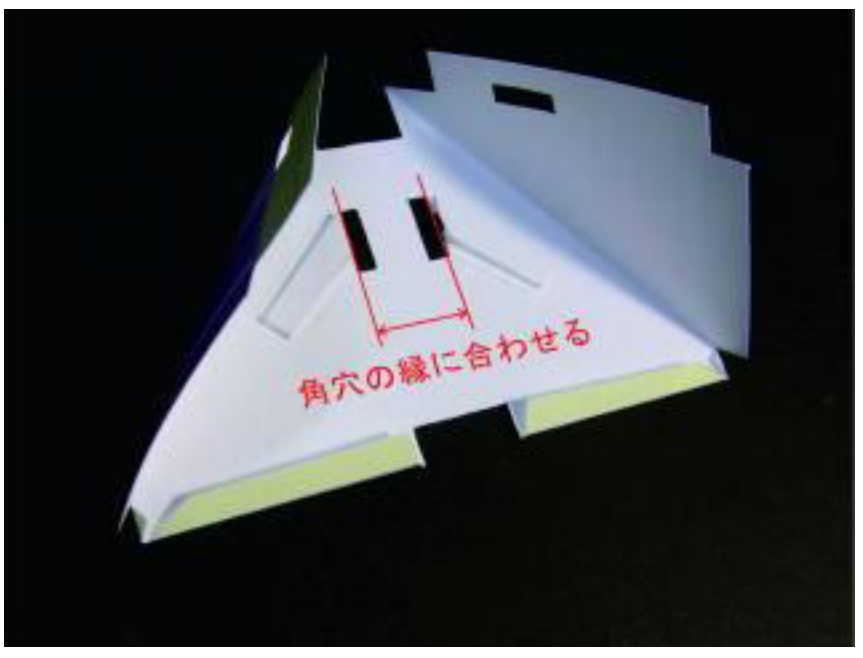
2.3. Assemble the front leg box. Glue the front leg box to the inside of the fuselage.

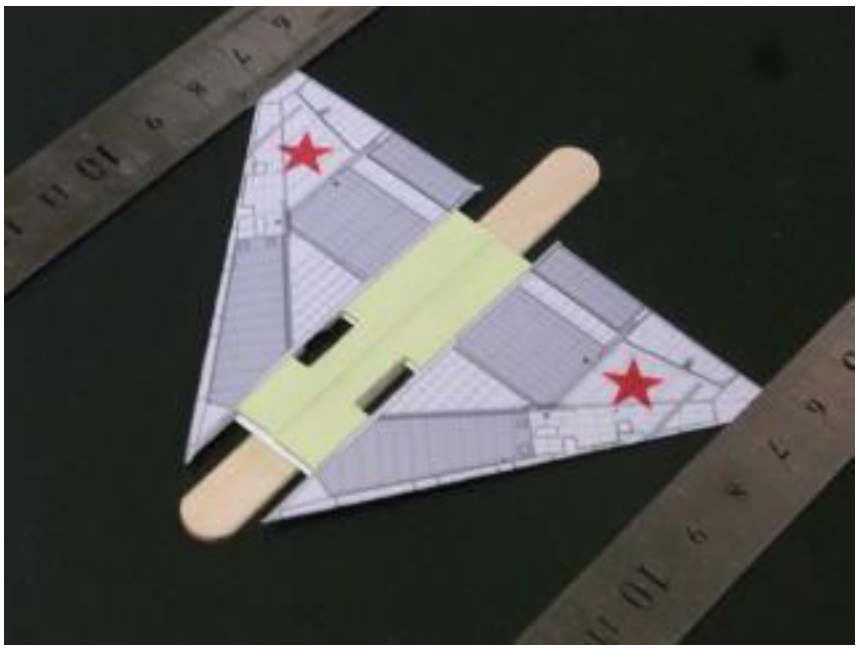




3. Assemble 5. left main landing gear box and 6. right main landing gear box. 4. Cut out the main wing, round it, bend it, and glue the left and right main landing gear boxes inside. Install the main landing gear box by aligning it with the edge of the square hole, and be careful not to protrude into the square hole. Glue the upper surface of the main wing and attach the lower half angle.

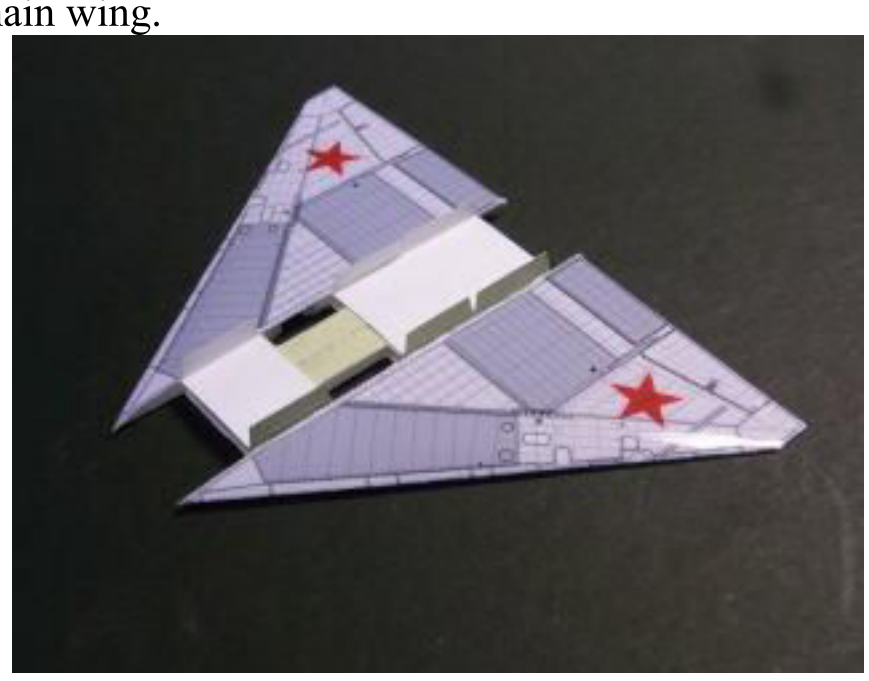




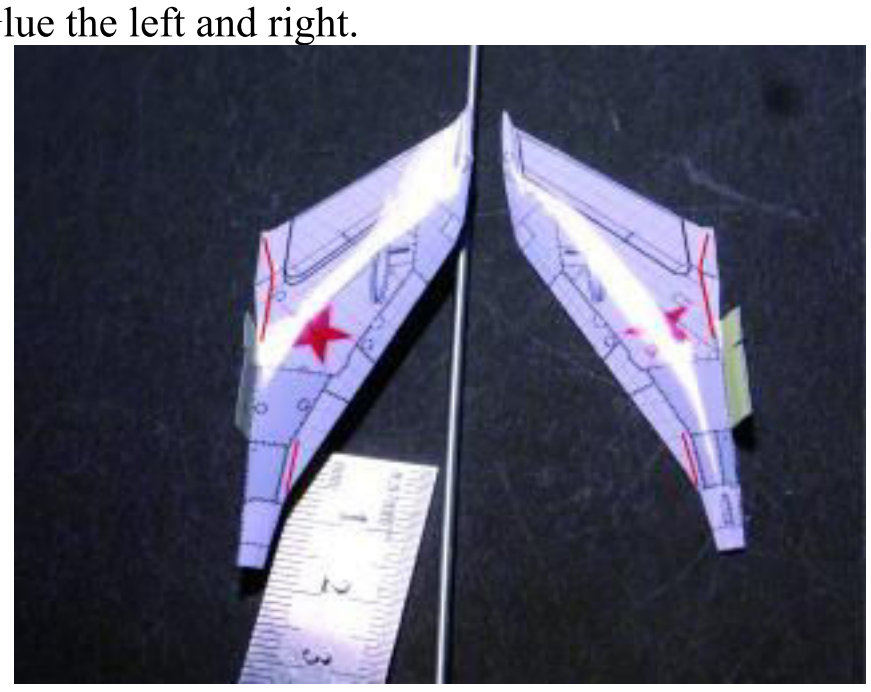


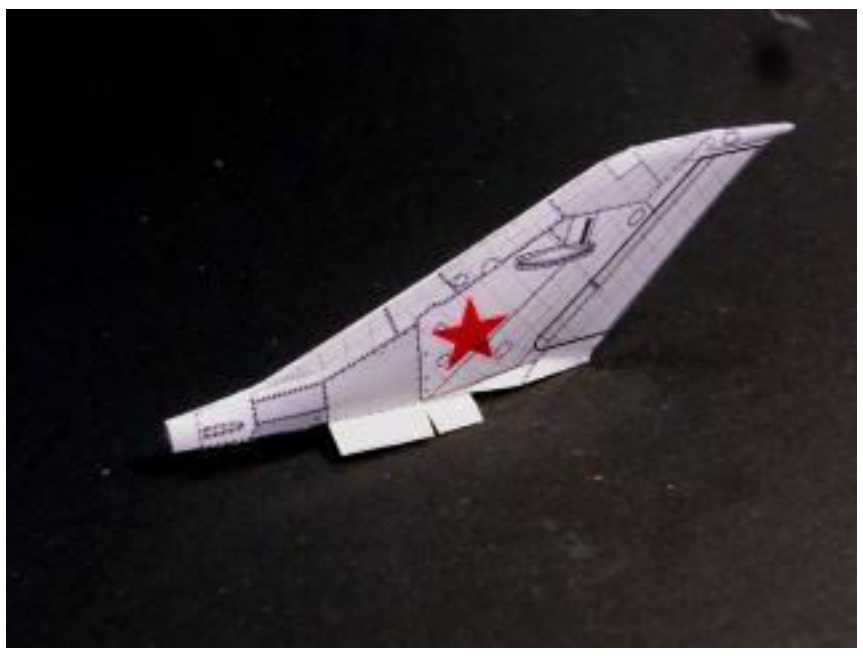
4. 7. Attach the front and rear of the main wing frame to the upper surface of the main wing. Attach the fuselage to the

main wing.

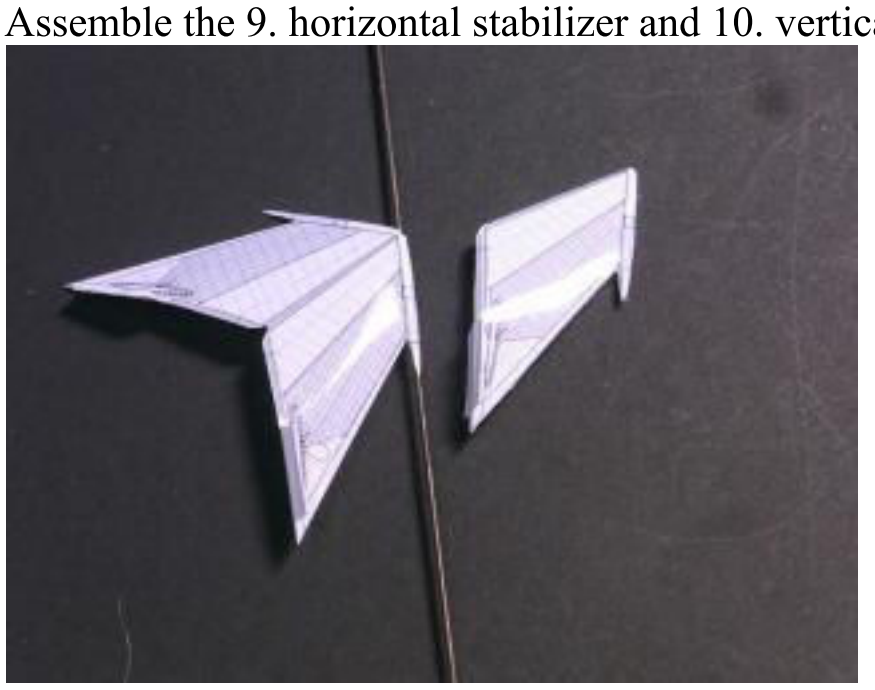


5.8. Cut out the vertical tail, round and bend it. Press the top end against a round bar to make it round. Place a ruler or the like on the red line to make a valley fold.
Glue the left and right.



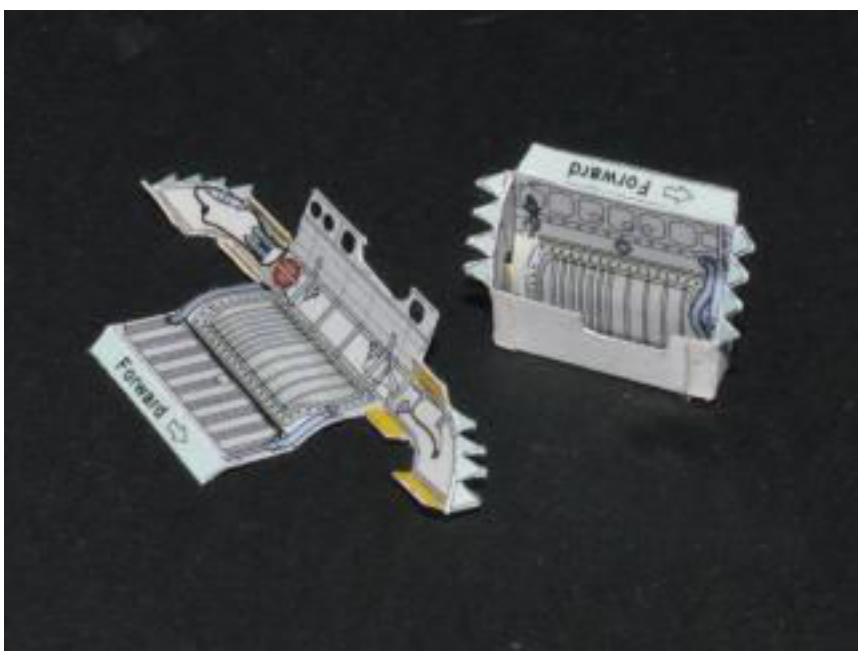


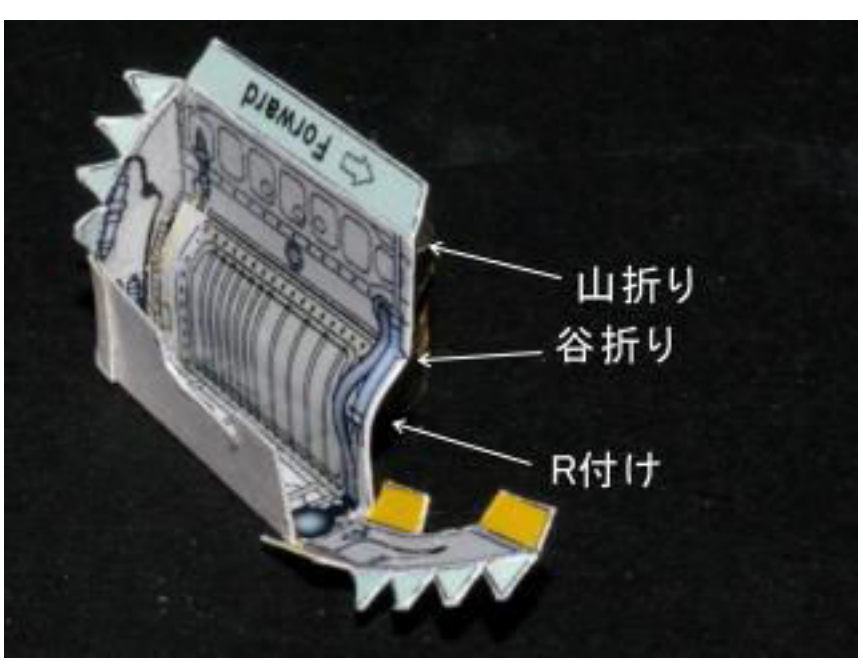
6. Assemble the 9. horizontal stabilizer and 10. vertical stabilizer.



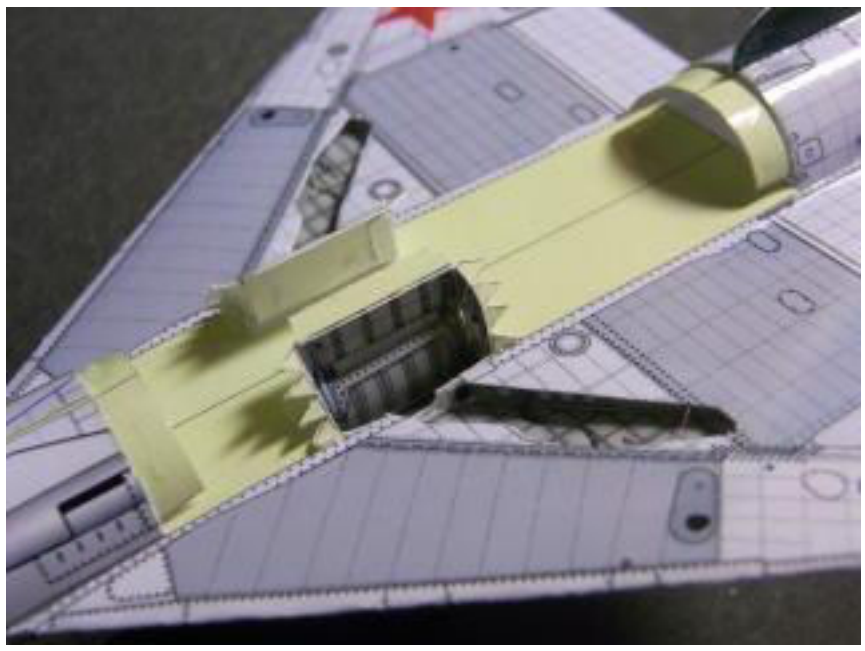
7.8. Attach the vertical stabilizer to the fuselage. Insert a stick or the like and hold the seaweed with tweezers so as not to crush the tail. Install 9.horizontal stabilizer and 10.vertical stabilizer in the same way.

8.13.Attach the fuselage lower seams to the fuselage. 11.Assemble the left main landing gear box and 12.right main landing gear box.

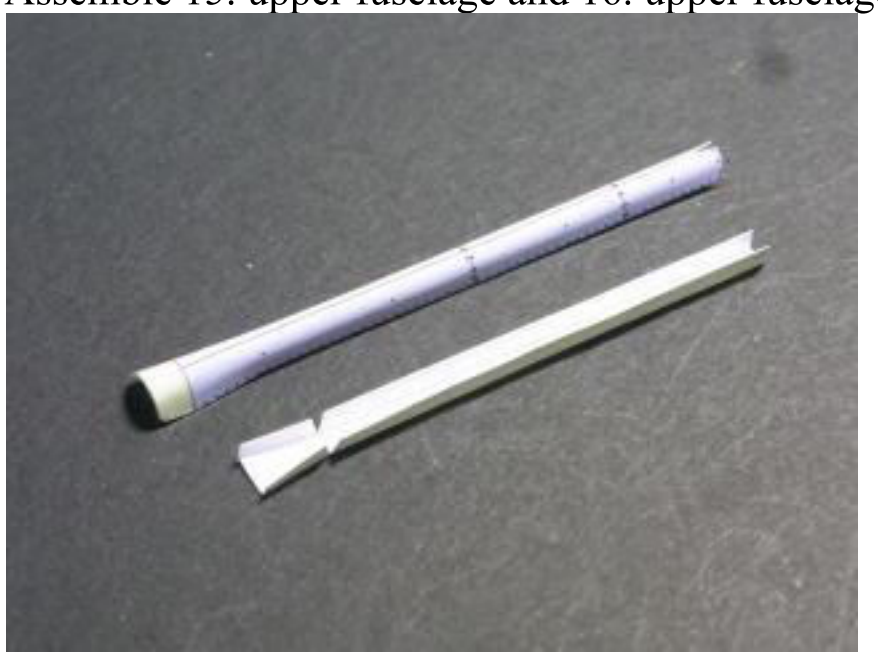




11. Attach the left main landing gear box and 12. Right main landing gear box to the fuselage. 14.Attach the lower torso to the torso.

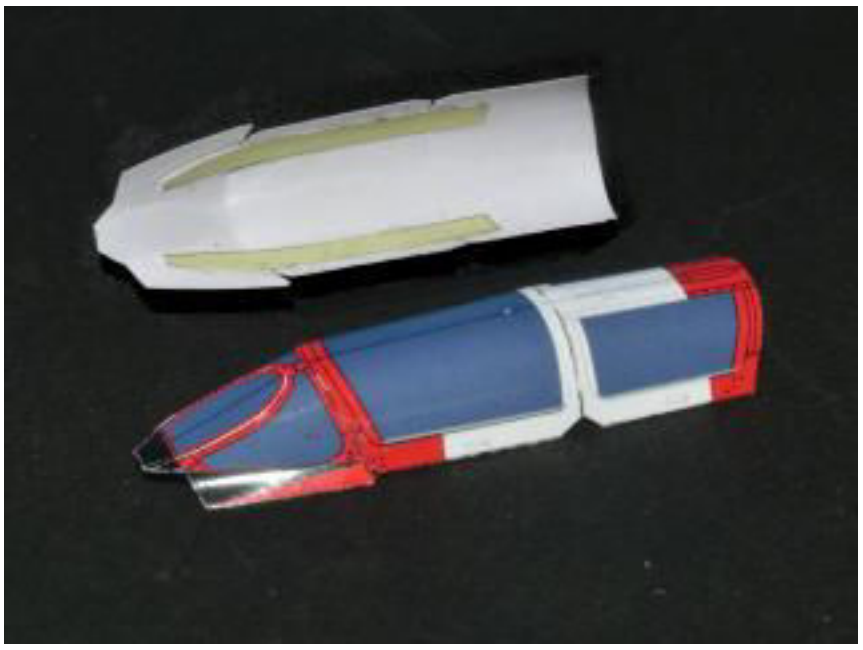


9. Assemble 15. upper fuselage and 16. upper fuselage frames and attach them to the fuselage.



10.17.Assemble the canopy. If you paint the edge of the paper in the notched part with the same color, it will not stand out. 17. Attach the canopy to the fuselage.

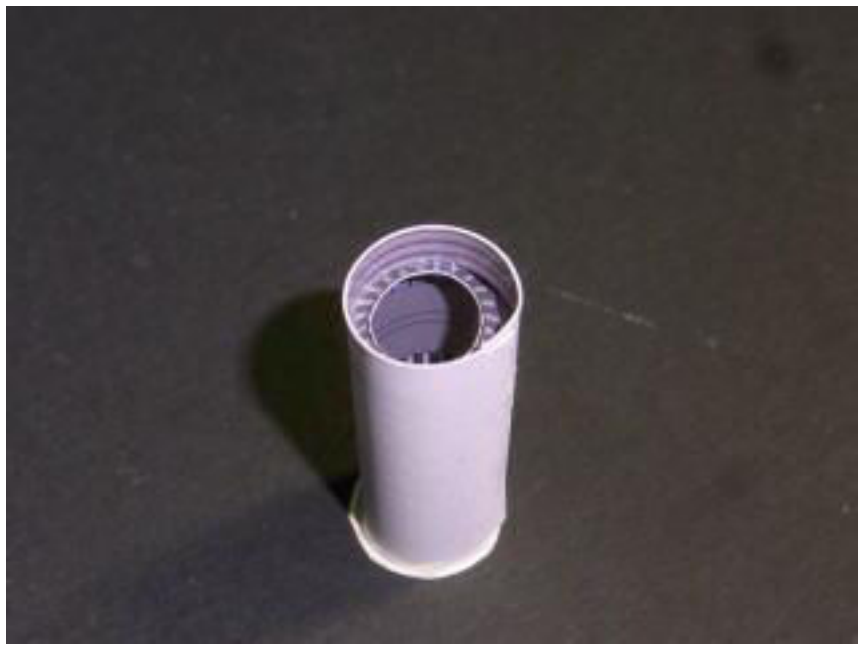
For U type, 42. canopy reshiro is glued inside and the cut part is adhered.



11. Assemble 18. shock cone, 19. inside intake duct, 20. outside intake duct, 21. duct mounting plate, and 22. rectifying plate. 19. Put a weight of about 1g in the intake duct. 22. Install the current plate last.

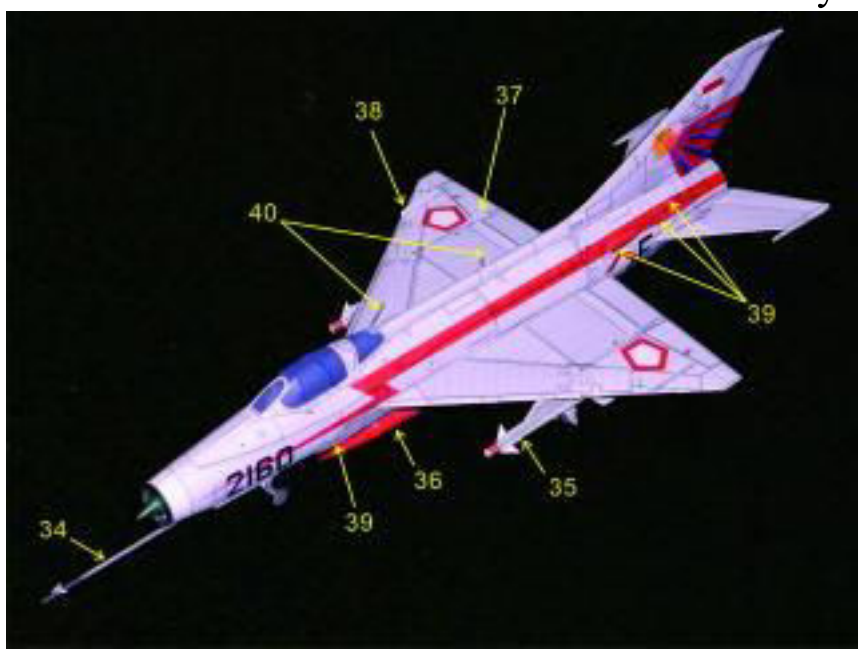
Install the intake duct to the fuselage.

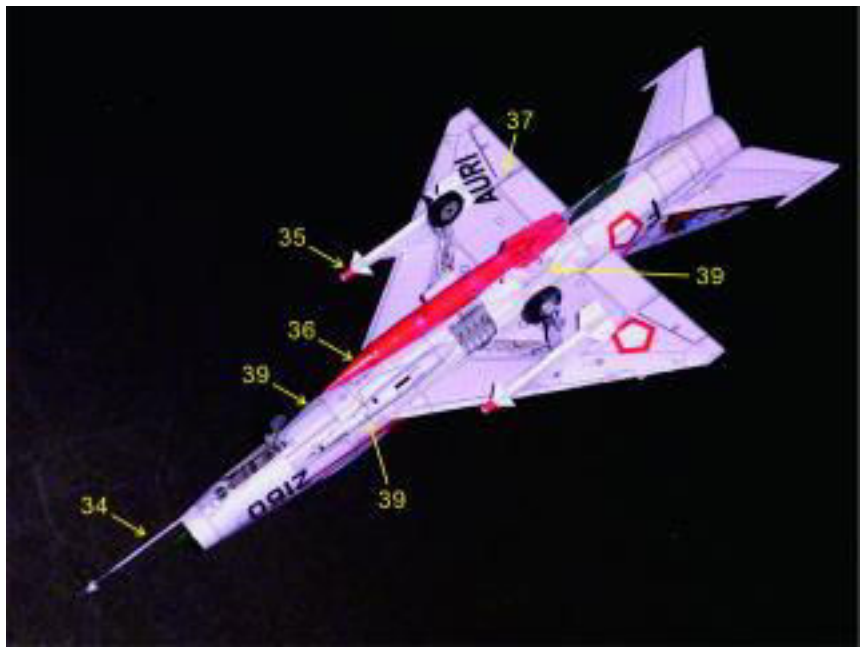
12. Assemble 23. afterburner, 24. turbine, and 25. variable nozzle, and attach them to the fuselage.

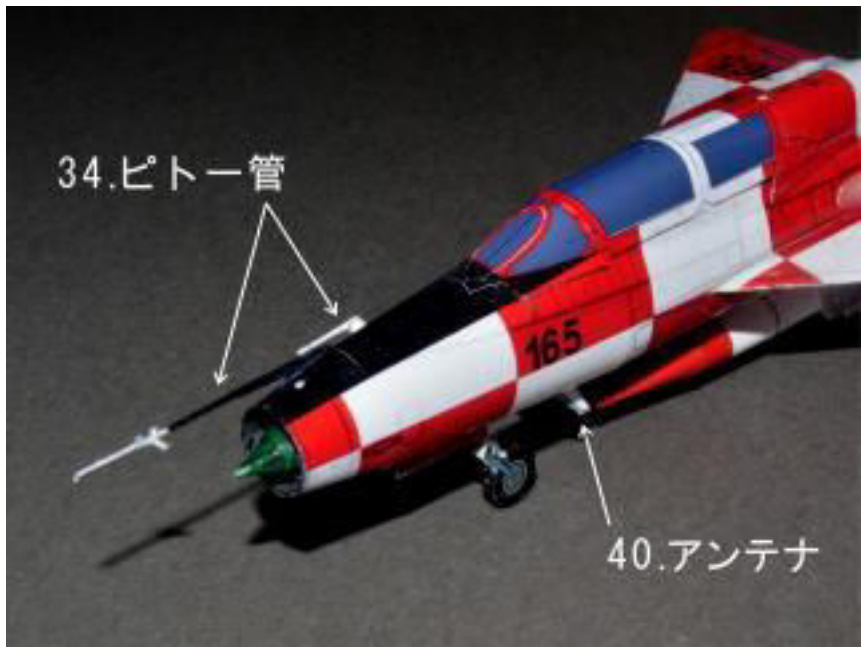


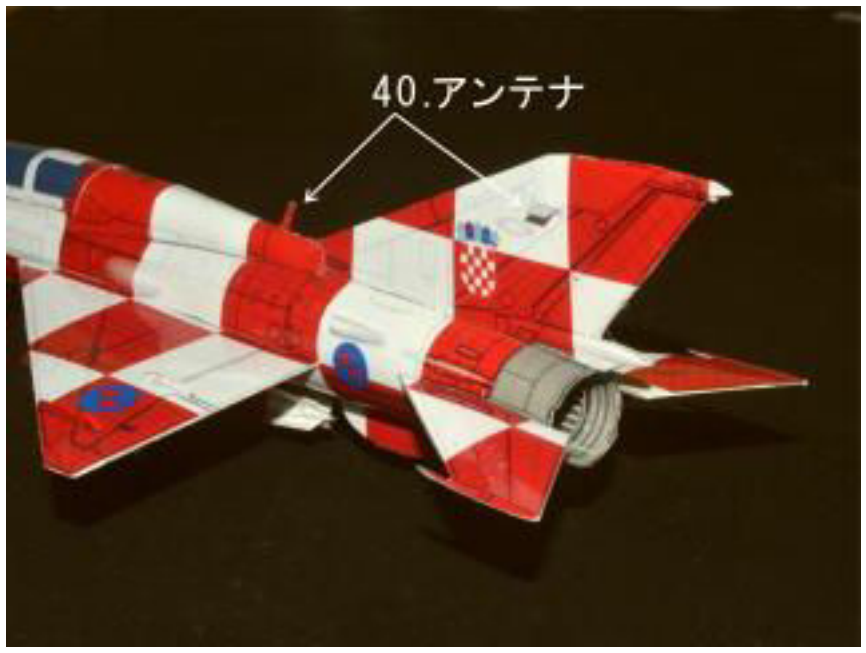
13. Assemble 26. nose landing gear, 27. nose landing gear door, 28. main landing gear strut, 29. main landing gear link, 30. main wheel, 31. cylinder, 32. main landing gear door, and 33. main wheel door. In the example, the pedestal and wheels are pasted on 1mm cardboard and cut out.

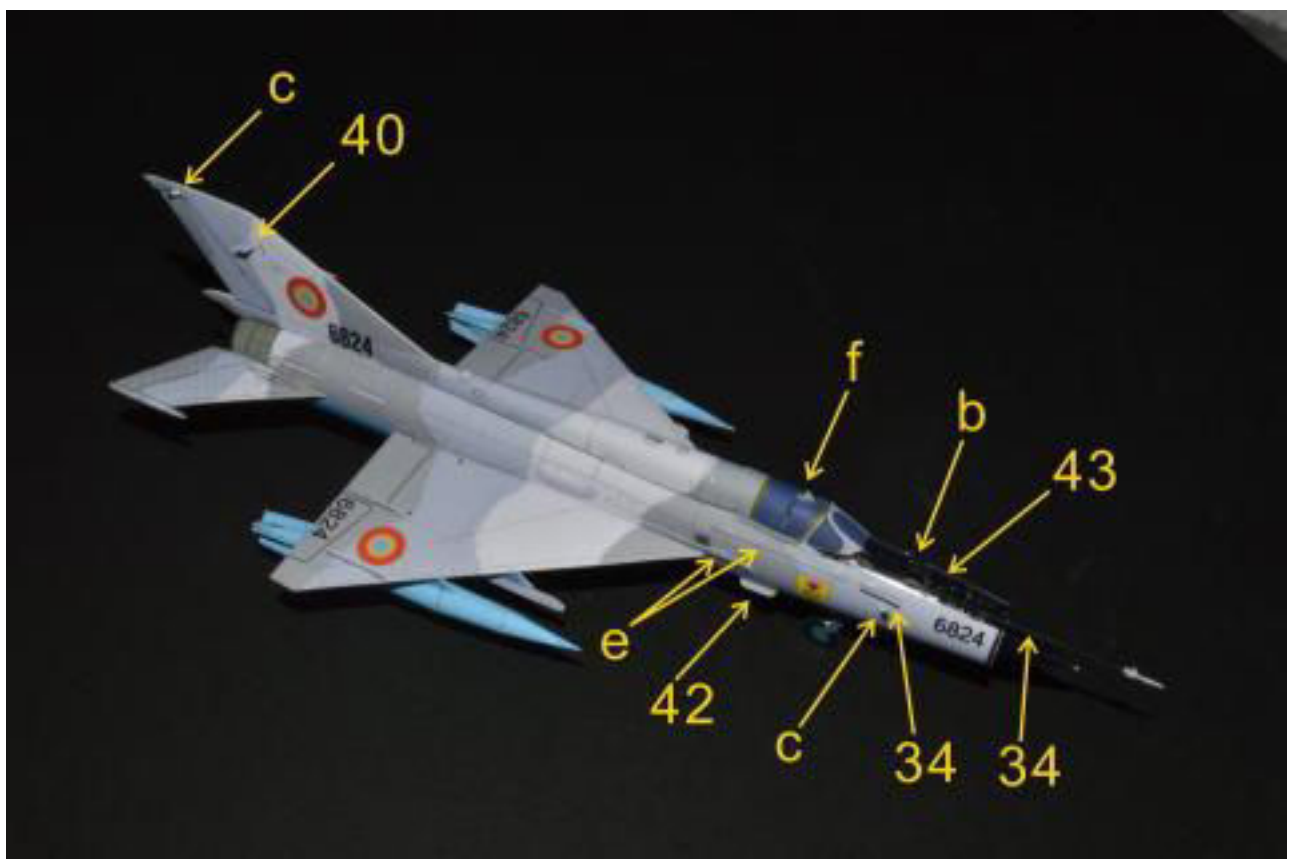
14. Install 35.Missiles and 36.Additional tanks as you like.






34.ピトー管
165
40.アンテナ


40.アンテナ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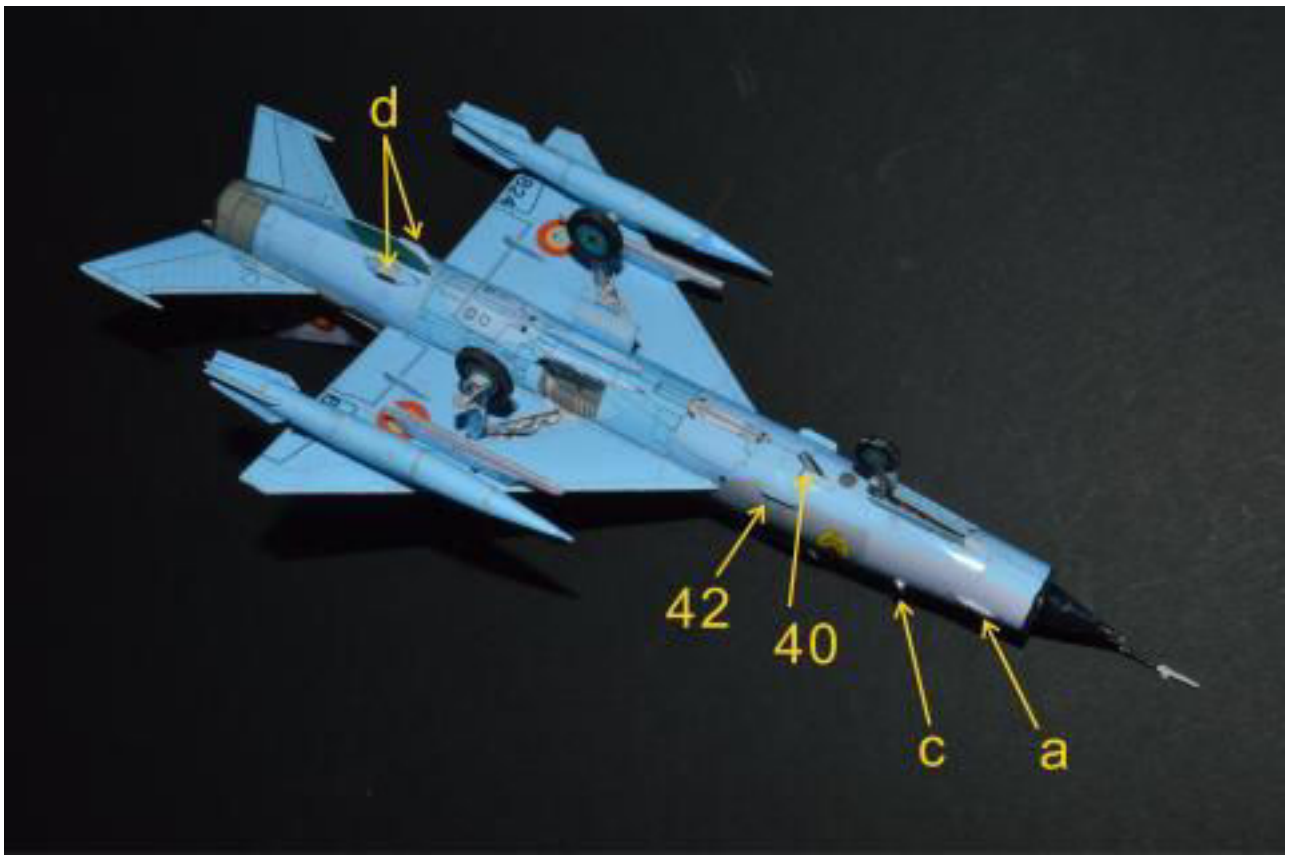

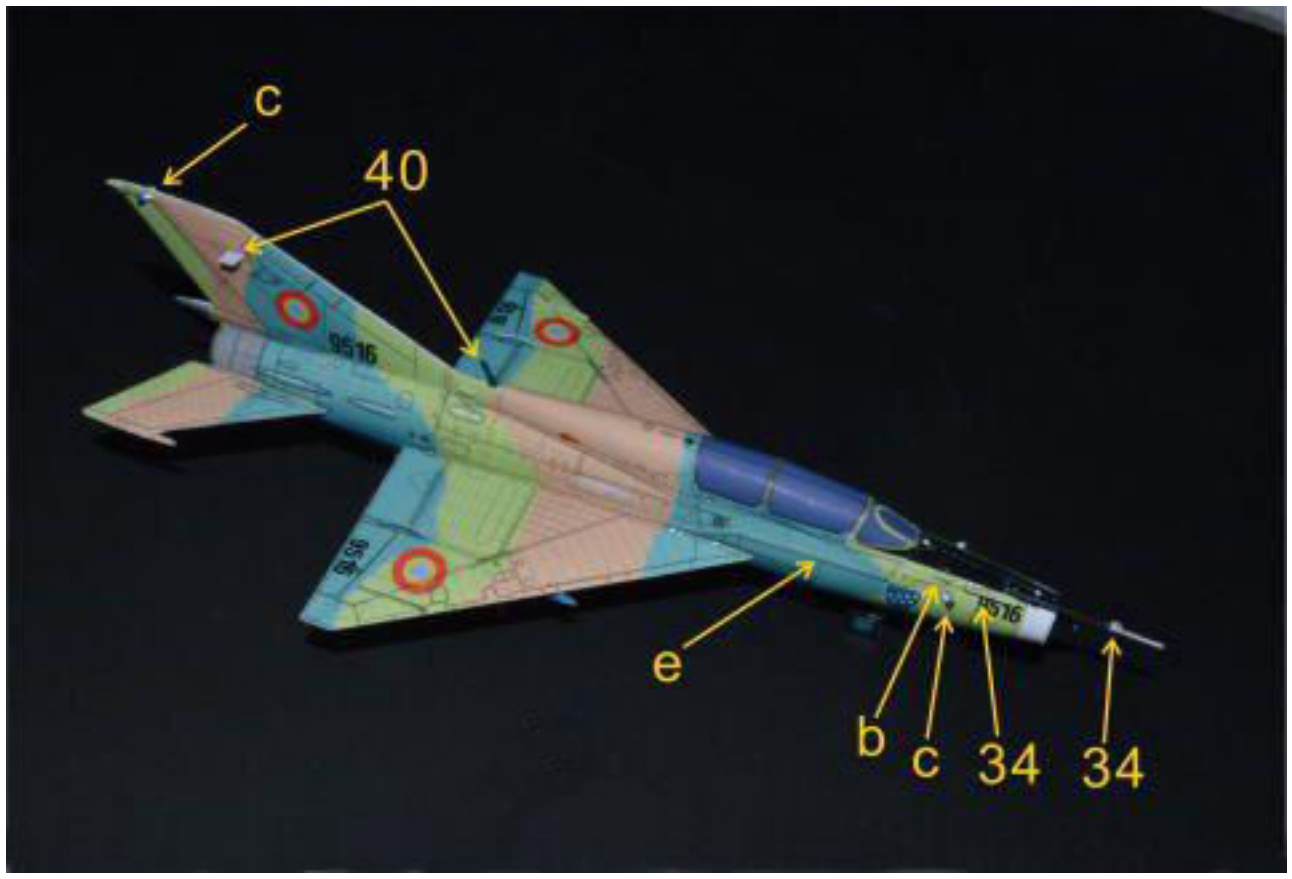

39. The atmosphere can be created without attaching the three-dimensional parts (see the upper right photo) .

Completion photo

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Home (CoffeeBreak)